|              | Index_of_Claims |                 |              |                 |                  |                  |                   |          |                 |          |               |         |                          |   | plication No. |          |                |          |          |       |          |            |                 | Applicant(s)      |           |                 |              |        |  |   |
|--------------|-----------------|-----------------|--------------|-----------------|------------------|------------------|-------------------|----------|-----------------|----------|---------------|---------|--------------------------|---|---------------|----------|----------------|----------|----------|-------|----------|------------|-----------------|-------------------|-----------|-----------------|--------------|--------|--|---|
|              |                 |                 |              |                 |                  |                  |                   |          |                 |          |               |         |                          | 09/769,670                              |               |          |                |          |          |       |          |            |                 | CARPENTER, ROY B. |           |                 |              |        |  |   |
|              |                 |                 |              |                 |                  |                  |                   |          |                 |          |               |         |                          | Examiner                                |               |          |                |          |          |       |          |            |                 |                   | Un        | <u> </u>        |              |        |  |   |
|              |                 |                 |              |                 |                  |                  |                   |          |                 |          |               |         |                          |   |               |          |                |          |          |       |          |            |                 |                   |           |                 |              |        |  |   |
|              |                 |                 |              |                 |                  |                  |                   |          |                 |          | DHIRU R PATEL |         |                          |   |               |          |                |          |          |       |          |            | 2831            |                   |           |                 |              |        |  |   |
| 0976967001   |                 |                 |              |                 |                  |                  |                   |          |                 |          |               |         |                          |   |               | 1        |                |          |          |       |          | $\neg$     |                 |                   |           |                 |              |        |  |   |
| 1            |                 |                 | √            | Reje            |                  |                  | 1-1               |          | (Through numera |          |               |         |                          | ")                                      |               |          | י  ו           | Non-Elec |          |       | ted      | ed be:     |                 | Appeal            |           |                 |              |        |  |   |
|              |                 |                 |              |                 |                  |                  |                   |          |                 |          |               |         |                          |   |               |          | Α              |          |          |       |          | -          |                 |                   |           |                 |              |        |  |   |
|              |                 |                 | =            | Allo            | wed              |                  | ÷                 |          |                 | Re       | stric         | ted     |                          |   |               | ı        |                | Inte     | rfe      | rei   | nce      | İ          |                 | (                 | Obje      | ecte            | d            |        |  |   |
|              |                 |                 |              |                 |                  |                  |                   |          |                 |          |               |         |                          |   |               | J        | ш              |          | _        |       |          |            |                 |                   |           |                 |              |        |  |   |
|              | n               | Date            |              |                 |                  |                  | Claim             |          |                 | _        | Date          |         |                          |   |               |          |                | Claim    |          |       |          |            | Date            |                   |           |                 | ]            |        |  |   |
| -            | त्व             | na_             | 5/10/04      |                 |                  |                  |                   |          |                 | त्त      | nal           |         |                          |   |               |          | ŀ              |          |          |       | ਜ਼       | na<br>I    |                 |                   |           |                 |              |        |  |   |
| i            | Final           | Original        | 2            |                 |                  |                  |                   |          |                 | Final    | Original      |         |                          |   |               |          |                |          |          |       | Final    | Original   |                 |                   |           |                 |              |        |  |   |
|              |                 |                 | <u>7</u>     |                 |                  | - -              | $\perp$           | Ц        | -               |          |               |         | 4                        | ļ                                       | _             | L        | <u> </u>       | ╄-       | <u> </u> |       |          | 1          | Ш               | _ _               | ļ         | $\sqcup$        | 4            |        |  |   |
|              |                 | P               | Y            | $\dashv$        | -                | ++               | +                 | H        |                 |          | 51<br>52      |         | ╁                        | +                                       | H             | H        | +              | +-       | -        |       | -        | 101<br>102 | $\vdash$        | +                 | ╁         | H               | $\dashv$     | -      | ╁  | 1 |
|              |                 | 3               | 1            |                 |                  |                  |                   |          |                 |          | 53            |         | 1                        | 1                                       |               |          |                |          |          |       |          | 103        |                 |                   |           |                 |              |        |  | ] |
|              |                 | 4<br>5          | H            | +               |                  |                  | $\perp$           |          | -               |          | 54<br>55      | +       | +                        | +                                       | <u> </u>      | -        | ╀              | -        | H        |       |          | 104<br>105 | $\sqcup$        | +                 | +         | $\vdash$        | $\dashv$     | _      | ╀  | - |
| <b> </b>     |                 | 6               | H            |                 |                  | H                | 1-1               |          | -               |          | 56            | 十       | ╁                        | +-                                      | $\vdash$      | $\vdash$ | ╁              | ╁╌       | ┢        |       | _        | 105        | $\vdash$        | +                 | +         | $\vdash$        | +            | +      | <del> </del>                                     | 1 |
|              |                 | 7               | $\prod$      |                 |                  |                  |                   |          |                 |          | 57            |         | 1                        | 工                                       |               |          | Ţ              |          |          |       |          | 107        |                 |                   | 1_        |                 |              | 丰      | I  | 1 |
| -            |                 | 8 <b>)</b><br>9 | ╂            | $\dashv$        | +                | $\vdash\vdash$   | +                 |          | -               |          | 58<br>59      | -+-     | +                        | +                                       |               | _        | ╁              | +-       | H        |       |          | 108<br>109 | Н               | +                 | +         | $\vdash$        | $\dashv$     | +-     | ┼  | - |
|              | 1               | 10              | $\dagger$    |                 |                  |                  |                   |          | -               |          | 60            |         | +                        | +                                       |               | -        | ╁╴             | +        |          |       |          | 110        | H               | +-                | +-        | ╁┼              | $\dashv$     | +      | +  | 1 |
|              |                 | 11              | П            |                 |                  |                  |                   |          | iii [           |          | 61            | _       | _                        |   |               |          | L              |          |          |       |          | 111        |                 |                   | 1         | $\Box$          | $\Box$       |        | I  | ] |
| <del> </del> | -(              | 2               | ╂┼           | +               | +-               | $\vdash \vdash$  | +                 | _        | -               |          | 62<br>63      | +       | +-                       | ╁                                       | Н             | ┝        | ╁              | +-       | $\vdash$ |       |          | 112<br>113 | Н               |                   | +-        | $\vdash$        | _            | +      | $\vdash$   | - |
|              | 1               | 14              | $\coprod$    |                 |                  |                  |                   |          |                 |          | 64            |         | $\pm$                    |   |               |          | t              |          |          |       |          | 114        |                 |                   | 1         |                 |              |        | T  | 1 |
|              |                 | 15              | $\coprod$    | $\rightarrow$   |                  |                  | $\perp$           |          |                 |          | 65            |         | _                        |   |               | Ĺ        | L              | $\perp$  |          |       |          | 115        | Ш               |                   | $\perp$   | П               | $\dashv$     |        |  | ] |
| -            |                 | 6<br> ス         | ╫            | $\dashv$        |                  | $\vdash$         | ╁┤                |          | -               |          | 66<br>67      | +       | +                        |   | $\vdash$      |          | +-             | ╁        |          |       |          | 116<br>117 | $\vdash$        |                   | +         | $\vdash$        | $\dashv$     | +      | ╁  | - |
|              | -(              | ار<br>ا         |              |                 |                  |                  |                   |          | Ľ               |          | 68            |         | İ                        |   |               |          |                |          |          |       |          | 118        |                 |                   |           |                 |              |        |  | j |
| -            |                 | 9 20            | $\mathbb{H}$ |                 | +-               | <del></del>      | +                 | -        | -               | _        | 69<br>70      | _       | +                        | ╂                                       |               | _        | ╀              | ╀        | _        |       |          | 119<br>120 | $\square$       | $\dashv$          | _         | $\sqcup$        | $\dashv$     | 4      | -  |   |
|              |                 | 21              | H            |                 | +                |                  | +                 | $\dashv$ | ⊪<br>⊢          |          | 71            | +       | +                        | +                                       | Н             | ┝        | ╁              | ╁        | Н        |       |          | 121        | H               | $\dashv$          | +         | H               | $\dashv$     | +      | <del>                                     </del> | 1 |
|              |                 | 22              | П            |                 |                  |                  | Ш                 |          |                 |          | 72            |         | $\bot$                   | $\perp$                                 |               |          |                | L        |          |       |          | 122        | П               |                   |           |                 | #            |        |  |   |
| -            |                 | 23              | H            | $\dashv$        |                  |                  | ╁                 | -        | -               |          | 73<br>74      | +       | +                        | +-                                      |               | _        | +-             | +        | Н        |       |          | 123<br>124 | $\vdash$        | +                 | +         | $\vdash$        | $\dashv$     | +      | -  | ļ |
|              | 2               | 25              |              |                 |                  |                  |                   |          |                 |          | 75            |         | t                        |   |               |          |                | T        |          |       |          | 125        |                 | _                 | $\dagger$ |                 | 1            | 1      | H  |   |
| -            |                 | 26              | H            |                 |                  |                  | Ш                 | _        |                 |          | 76            | 4-      | _                        | _                                       |               |          | 1              | ├-       |          |       |          | 126        | П               |                   | Ţ         |                 | $\dashv$     | _ _    |  |   |
| -            |                 | 27<br>28        | ₩            |                 | +                |                  | +                 | $\dashv$ |                 |          | 77<br>78      |         | +                        | +                                       | Н             | _        | ╁              | ╁        | Н        |       |          | 127<br>128 | H               |                   | ╂┈        | $\vdash$        | +            | -      | ├  |   |
|              | - 2             | 9               |              |                 |                  |                  |                   |          |                 |          | 79            |         |                          |   |               |          |                |          |          |       |          | 129        |                 |                   |           |                 |              |        |  | j |
| -            |                 | 30              | +            | +               |                  |                  | 4-4               | $\dashv$ | -               |          | 80<br>81      |         | +                        | +                                       | Ш             | _        | ┼-             | -        | $\vdash$ |       | <u> </u> | 130<br>131 | $\vdash$        | $\perp$           | -         | $\vdash$        | $\perp$      | $\bot$ |  |   |
|              |                 | 32              | 十            | +               | +-               |                  | +1                | $\dashv$ | ⊪⊢              |          | 82            | _       | ╁                        | +-                                      | Н             |          | ╁              | +        | Н        |       | <u> </u> | 132        | ╂═┼             | +                 | +         |                 | +            | +-     | ┢  | ĺ |
|              |                 | 33              | $\Box$       |                 |                  |                  |                   | $\Box$   |                 |          | 83            |         |                          |   |               |          |                |          |          |       |          | 133        |                 |                   | 上         |                 |              | 工      |  |   |
| -            |                 | 34<br>35        | +            | $\dashv$        |                  | $\vdash$         | -                 | $\dashv$ | -               |          | 84<br>85      | +       | +                        | +-                                      | Н             | _        | ╀              | }        | Н        |       |          | 134<br>135 | $\vdash$        | _                 | +         | $\vdash$        | $\perp$      | +      | L  |   |
|              | 3               | 6               | $\top$       |                 | +                | +                | ++                | $\dashv$ | -               |          | 86            | +       | 十                        | +                                       | $\forall$     |          | +              | -        | Н        |       |          | 136        | $\vdash$        | +                 | +         | $\vdash$        | +            | +      | $\vdash$   |   |
|              |                 | 37              | $\Box$       |                 |                  |                  |                   |          |                 |          | 87            |         | Ţ                        |   |               |          |                |          |          |       |          | 137        |                 |                   |           |                 |              |        |  |   |
|              |                 | 8<br>9          | +            | ++              | _                |                  | ┼┤                | $\dashv$ | -               | $\dashv$ | 88<br>89      | +       | +                        | ╁                                       | Н             | _        | ╄-             | <b>├</b> | Ш        |       |          | 138<br>139 |                 | -                 | -         | $\vdash$        | +            | +-     |  |   |
|              |                 | 0               | $\dagger$    | $\dashv \dashv$ | _                | <del>    -</del> | $\dagger \dagger$ | $\dashv$ | -               |          | 90            | +       | +                        | +                                       | $\vdash$      |          | <del> </del> - | ╁        | Н        |       |          | 140        | ╁╌╁             | +                 | +         | $\vdash$        | +            | +      | ╁╴   |   |
|              |                 | 1               | 1            |                 |                  |                  | П                 |          |                 |          | 91            |         | ļ                        |   |               |          |                | L        |          |       |          | 141        |                 |                   |           |                 |              |        |  |   |
| -            |                 | 3               | +            | +               | $\dashv$         | -                | ╁┼                | $\dashv$ | ŀ               |          | 92<br>93      | +       | +                        | +                                       | Н             |          | ╁              | -        | Н        |       |          | 142<br>143 | $\vdash \vdash$ | +                 | +         | $\vdash$        | +            | -      |  |   |
|              | 4               | 4               | 士            |                 |                  |                  |                   |          | H               |          | 94            | _       | $^{\dagger}$             | _                                       | H             |          | t              | L        | H        |       |          | 144        | $\vdash \vdash$ | +                 | +         | H               | +            | +-     | $\vdash$   |   |
|              |                 | 5               | 7            | $\Box$          |                  | $\perp$          | П                 |          |                 |          | 95            | $\Box$  | T                        | $\Box$                                  |               |          |                |          |          |       |          | 145        |                 |                   | $\Box$    |                 | $\downarrow$ | 工      |  |   |
| -            |                 | 6               | +            | +               |                  |                  | ₩                 | -        |                 |          | 96<br>97      | +       | +                        | +                                       | -             |          | +-             | ╀        | Н        |       |          | 146<br>147 | $\vdash \vdash$ | +                 | +         | $\vdash \vdash$ | +            | +      | $\vdash$   |   |
|              | 4               | 8               | 士            |                 |                  |                  |                   |          | E               |          | 98            |         |                          | $\Box$                                  |               | _        |                |          |          |       |          | 148        |                 | 士                 |           |                 | $\pm$        | 士      |  |   |
|              |                 | 9               | $\perp$      | +               | $\dashv \exists$ | _   _            | $\prod$           | _        | F               | -1       | 99            | $\perp$ | $oldsymbol{\mathcal{I}}$ | $\Box$                                  | $\Box$        |          | $\vdash$       | Ľ        | П        |       |          | 149        | $\Box$          | T                 | $\Box$    |                 | Ţ            | T      | П  |   |
|              | 5               | 0               | _L           |                 |                  |                  | Ш                 | :        | :::L            |          | 100           |         | ⊥_                       | لــــــــــــــــــــــــــــــــــــــ |               |          | 1              | L        | لـــا    | ::::: |          | 150        | ىلـــــا        |                   |           |                 |              |        | LJ   | i |